b) a glycosyltransferase comprising the amino acid sequence SEQ ID NO:3, or a functionally active fragment thereof;

c) a glycosyltransferase comprising the amino acid sequence SEQ ID NO:4, or a functionally active fragment thereof;

d) a glycosyltransferase comprising the amino acid sequence SEQ ID NO:5, or a functionally active fragment thereof;

e) a glycosyltransferase comprising the amino acid sequence SEQ ID NO:6, or a functionally active fragment thereof.

40. (New) A method of adding GalNAc or GlcNAcβ1→3 to Gal, said method comprising contacting a reaction mixture comprising an activated GalNAc or GlcNAc to an acceptor moiety comprising a Gal residue in the presence of the glycosyltransferase of claim 34.

41. (New) A method of adding GalNAc or GlcNAcβ1→3 to Gal, said method comprising contacting a reaction mixture comprising an activated GalNAc or GlcNAc to an acceptor moiety comprising a Gal residue in the presence of the glycosyltransferase of claim 35.

42. (New) A method of adding GalNAc or GlcNAcβ1→3 to Gal, said method comprising contacting a reaction mixture comprising an activated GalNAc or GlcNAc to an acceptor moiety comprising a Gal residue in the presence of the glycosyltransferase of claim 36.

43. (New) A method of adding GalNAc or GlcNAcβ1→3 to Gal, said method comprising contacting a reaction mixture comprising an activated GalNAc or GlcNAc to an acceptor moiety comprising a Gal residue in the presence of the glycosyltransferase of claim 37.

44. (New) A method of adding GalNAc or GlcNAcβ1→3 to Gal, said method comprising contacting a reaction mixture comprising an activated GalNAc or GlcNAc to an acceptor moiety comprising a Gal residue in the presence of the glycosyltransferase of claim 38.

45. (New) A method of preparing an oligosaccharide having the structure Galβ1→4Glc, said method comprising contacting a reaction mixture comprising an activated Gal to an acceptor moiety comprising a Glc residue in the presence of the glycosyltransferase of claim 34.

46. (New) A method of preparing an oligosaccharide having the structure Galβ1→4Glc, said method comprising contacting a reaction mixture comprising an activated Gal to an acceptor moiety comprising a Glc residue in the presence of the glycosyltransferase of claim 35.

47. (New) A method of preparing an oligosaccharide having the structure Galβ1→4Glc, said method comprising contacting a reaction mixture comprising an activated Gal